

# Abstracts

## 0.25 $\mu\text{m}$ PHEMT X Band Multifunction LNA MMIC with T/R Switch and Attenuator Achieves 1.85 dB Noise Figure

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*S.T. Janesch, K.H.G. Duh, P. Ho, S.C. Wang and S.M.J. Liu. "0.25  $\mu\text{m}$  PHEMT X Band Multifunction LNA MMIC with T/R Switch and Attenuator Achieves 1.85 dB Noise Figure." 1992 MTT-S International Microwave Symposium Digest 92.3 (1992 Vol. III [MWSYM]): 1179-1182.*

Performance of a 7-11 GHz LNA MMIC which advances performance and integration standards is presented. A 1.8 dB NF, 19 dB gain LNA is married to a 0.5 dB insertion loss T/R switch and switched attenuator for a MMIC with 1.85 dB NF, 18 dB gain at 10 GHz.

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